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CERTIFICATION UNDER 37 CFR 1.10 EL142012798US: Express Mail Number

November 24, 1999: Date of Deposit

I hereby certify that this Non-provisional Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

Timothy R. Schwartz, Ph.D., Reg. No. 32,171



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION Assistant Commissioner for Patents Washington, DC 20231

NON-PROVISIONAL APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)

Transmitted herewith for filing is a non-provisional patent application:

Inventor(s) (or Application "Identifier"):

Dominic V. Sinicropi, Meno Park, California P. Mickey Williams, Half Moon Bay, California Yu-Ju G. Meng, Albany, California Anthony H. Dodge, San Mateo, California

Paul W. Sims, Oakland, California

Title:

PCR ASSAY

- 1. Type of Application
- This application is for an original, non-provisional application. [X]
- This is a non-provisional application claiming priority to provisional application no.__, filed [] ___, the entire disclosure of which is hereby incorporated by reference.
- [] continuation [] divisional application claiming This is a [] continuation-in-part [] priority to application Serial Number__, filed ___, the entire disclosure of which is hereby incorporated by reference.
- Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b) 2. (Non-provisional)
 - 54 pages of specification (total pages)
 - pages of claims
 - page(s) of abstract
 - sheet(s) of drawings [X] informal ∏ formal

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3. Declaration or Oath

		(for new and CIP applications; also for Cont./Div. where inventor(s) are being added) X An executed declaration of the inventor(s) [] is enclosed [X] will follow.						
		 (for Cont./Div. where inventorship is the same or inventor(s) being deleted) A copy of the executed declaration/oath filed in the prior application is enclosed (37 CFR 1.63(d)). 						
		 (for Cont./Div. where inventor(s) being deleted) A signed statement is attached deleting inventor(s) named in the prior application (see 37 CFR 1.63(d)(2) and 1.33(b)). 						
	4 .	Assignment						
		(for new and CIP applications) X An Assignment of the invention to GENENTECH, INC. [] is enclosed with attached Recordation Form Cover Sheet [X] will follow.						
		(for cont./div.) The prior application is assigned of record to Genentech, Inc.						
	5.	Amendments (for continuation and divisional applications)						
-		Cancel in this application original claims of the prior application before calculating the filin fee. (At least one original independent claim must be retained for filing purposes.)	g					
		A preliminary amendment is enclosed. (Claims added by this amendment have bee properly numbered consecutively beginning with the number next following the highes numbered original claim in the prior application.)	n st					
		Relate Back 35 U.S.C. 120 or 35 U.S.C. 119						
		X Amend the specification by inserting before the first line the sentence:						
		This is a						
		X non-provisional application continuation divisional continuation-in-part						
		of co-pending application(s)						
		Application No filed on _, which application(s) is(are) incorporated herein by reference and to which application(s) priority is claimed under 35 USC §120 International Application _ filed on which designated the U.S., which application(s) is(are incorporated herein by reference and to which application(s) priority is claimed under 35 USC)					

§120.--

X provisional application No. 60/110,259 filed November 30, 1998, the entire disclosure of which is hereby incorporated by reference and to which application(s) priority is claimed under 35 USC §119.—.

6. Fee Calculation (37 CFR 1.16)

The fee has been calculated as follows:

		CLAIN	IS FOR FEE CA	LCULATION	
Number	Filed Number Extra		Rate	Basic Fee 37 CFR 1 16(a) \$760.00	
Total Claims	23	- 20 =	3	X \$18.00	\$54.00
Independent Claims	3	- 3=	0	X \$78.00	\$0.00
0	Multiple d	ependent claim	(s), if any	+ \$260.00	\$0.00
			Fil	ing Fee Calculation	\$814.00

7. Method of Payment of Fees

The Commissioner is hereby authorized to charge Deposit Account No. 07-0630 in the amount of \$814.00. A duplicate copy of this transmittal is enclosed.

8. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR §1.16 and 1.17, or credit overpayment to Deposit Account No. 07-0630 (our Ref. P1543R1). <u>A duplicate</u> copy of this sheet is enclosed.

9. Additional Papers Enclosed

- [] Information Disclosure Statement (37 CFR §1.98) w/ PTO-1449 and citations
- [X] Submission of "Sequence Listing", computer readable copy, certificate re: sequence listing, and/or amendment pertaining thereto for biological invention containing nucleotide and/or amino acid sequence.
- A new Power of Attorney or authorization of agent.
- [X] Other: Computer-readable diskette of sequence listing.

10.	Maintenance of Copendency of Prior Application (for continuation and divisional application [This item must be completed and the necessary papers filed in the prior application if the period s in the prior application has run]					
		A petition, fee and/or response has been filed to extend the term in the pending prior application until				
		A copy of the petition for extension of time in the <i>prior</i> application is attached.				

11. Correspondence Address:

X Address all future communications to:

GENENTECH, INC. Attn: Timothy R. Schwartz, Ph.D. 1 DNA Way South San Francisco, CA 94080-4990 (650) 225-7467

Respectfully submitted, GENENTECH, INC.

Date: November 24, 1999

By: Mal (1) X3 Schwartz, Ph.D.

Reg. No. 32,171

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